Gun and Turret Drive System

Main Technology Features

Brushless Motors Technology	→	High Torque to Volume Ratio
Complete Digital Control	→	Simple Adaptation to Customer's Needs (Including Interface to Fire Control System)
QWM Technology Current Control	→	High Efficiency
Special Anti-Backlash Mechanism	→	Smooth and Accurate Operation
High Speed Communication Data BUS	→	Precise Control at Low Speed
Other Communication Channels	→	Modern BIT and Monitoring Capabilities
Emergency Modes of Operation	→	Survivability at Redundant Modes

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A Subsidiary of Elbit Systems

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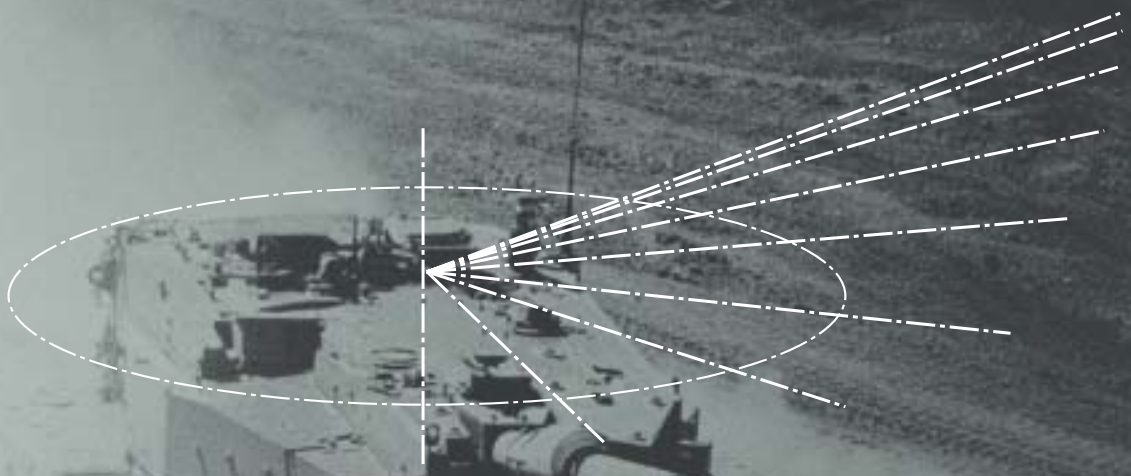
All Electric Gun and Turret Drive System

EGTDS



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Combat Systems and Upgrading Division

One-Stop Electr
Sensors and S

Proven. Two decades of development and production experience have created a variety of systems, units and components - including 24V, 110V and 270V systems - which are installed in Main Battle Tanks (MBTs) and Light Armored Vehicles (LAVs).

Tailored. El-Op customizes and configures every drive system in accordance with customer's demands and requirements.

Precise Firepower. El-Op's EGTDS incorporate state-of-the-art technologies and a broad range of upgrading options, responding to operator needs and vastly improving stationary and on-the-move firing accuracy.

Versatile. Gears, drives and other mechanical components of both heavy and light turrets used in diverse applications - ground and naval systems, anti-aircraft platforms, etc. - providing customers with a rapid and cost-effective solution.

Economical. Computer design, based on extensive experience and the variety of gears and drives already in production, results in an efficient, minimal maintenance, low life cycle cost.

State-of-the-Art Technologies. Unique electric motors, including flat and brushless motors, Pulse Wide Modulation (PWM), vector and adaptive control, etc.

Top-of-the-Line Efficiency. Power stages, featuring compact electronics, require no additional forced cooling and are easy to install.

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ro-Optics System House for All Technologies,
ystems, Including the Cutting Edge All
Electric Gun and Turret Drive.

State-of-the-Art

EGTDS

All Electric Gun and Turret Drive System

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